



underlined = deleted in targeting construct

bold = sequence flanking Neo insert in targeting construct

CCTTTCCATAGAGAAC**CAAAGAAC**TAAAGAAATTC**TGTGACAAATGGACAATATAAT**TGGC
CCAGTGTTCCTCCTCATGGTAATCTCATGCCCTC**TACAATCTACATCCAGTACACTCTC**
AGGTCAACATCAGAGTAAGGATATGGAGCCTAGGATCCC**TTCTTAAACAAC**TGGAGACGT
AATAACCC**TTCTTATTAATGCATAGAATTAAGATTTCCATAGGGATATTTAACAGAAAAC**
CACATTTACTCTATTACCCCTAGAA**TAGGTACTTTTAAATAGAAGGTGATGTGGGATCTG**
AGGTAGGCGGGACAAGAA**TGGAGACACATCTGAAAAATAGTTATTGTTGAAAAATTTTAG**
GTACTGACAAGATGGAAGTCAACATTTCAATGCCCTCTGAATGGATCAGAAGTTGTGTTTT
ATGATTC**TACCACCTCAAGTGTTCATGGATCCTCTCATTAGTGGTTCTCTTTATAACCT**
TTGTCC**TCGGTGTTC**TAGGTAATGGGC**TTGTGATTTGGGTGGCTGGGTTC**CAGATGGCAC
ACACTGTGA**CCACTGTCTCTTATCTGAACTTGGCTTTGAGTGATTTATCTTT**CATGGTTA
CTCTACCAC**TTACATCATCTCAATGGTCATGAGAGGAAAAATGGCTTTTGGTTGGTTTC**
TTTGCAAATTAGTT**CACATAATTGCAAACATAAACCTTTTTGTAAGTATCTTCCTAATCA**
CTCTTATTGCCATGGATCGCTGTATTTGTGTCC**TGTGCCCAGTATGGTCTCAGAATCACC**
GAAC**TGTGAGTCTGGCCAGAAAAGTGGTTCTTGGAGCTTGGATATTTGCTCTGCTGCTTA**
CCTTGCCACATTTTCTCTCTT**GACTACAGTGAGAGATGCAAGAGGGGATGTGTACTGTA**
TATCTAAATTTGAATCCTGGGT**TGCAACCCTCTGAAGAGCAGTTAAAGATGTCTGTTATTG**
CTGCCACAGCTT**CAGGAATCATCAA**TTTCATTATTGGATT**CAGCATGCCCATGTCTTTCA**
TTGCTATCTGCTATGGACTCATGGCTG**CCAAAGATCTGCAGAAGAGGC**TTTGTGAATTCCA
GTCGTCCTTTACGTGTCC**CTCACTGCTGTAGCGATTTCCCTCTTTGCTGTTGGTTCCCTT**
TTCAATTAATTATGCTTTT**AGGCAACATCTTTAACAATGAGACACTGAGCATTATTCATA**
TGTTGGTTA**ACCCAGCAAATACCTTGGCTTCCTTTAACAGCTGCCTCAACCCAATACTCT**
ATGTATTCCTGGGT**CAGGAATTCAGAGACAGACTAATCTATTCTCTGTATGCCAGTCTAG**
AGAGGGCCCTGAGGGAAGACTAGTCC**TTGATGGAAAATTCAGTCCTGAGCACTGACACAG**
ACAGCAACTTGTCTT**CATGAAC**TGCAGACTCTGAGCTATAGGAAATGGCAGGAGTAAGGC
CAATGGGATTTTTTTTTTCCCTACCCTAGTCTTAATTTCTGTCTTATCC**TATCTTGCATGA**
AATTTCTGAGTATAACTATAGAATCTCTCTGATTCTGATT**TGGAAGACAGAAGT**

SEQ ID NO: 1

FIGURE 2A